

ABSTRACT

Herlina Ester Mamengko, 2020, **Analysis of Students' Critical Thinking Ability Using Local Wisdom Oriented *Discovery Learning* Model**. Guided by. Dr. H. Uus Toharudin, M.Pd., Ida Yayu Nurul Hizqiyah, S.Pd., M.Si.

In this 21st century, one of the abilities that must be mastered by students are critical thinking skills, the benefits of critical thinking for students, namely that it can increase attention in observing, put forward relevant ideas, think logically, and be able to respond to a problem. This study aims to determine the analysis of students' critical thinking skills using the Discovery Learning model oriented to local wisdom. This research approach is based on a qualitative approach based on library research carried out using literature from previous studies. The data sources of this research literature obtained from various literatures and sources. The results of the analysis of the critical thinking ability of each indicator are: Elementary clarification, Basic support, inference, Advance clarification, Strategic and tactick. obtained an average of 67.59% in the High category. and the analysis of critical thinking skills using the Discovery Learning model obtained an average Ngain score of 0.60 in the moderate category. By including elements of local wisdom in biology learning, it can have a good impact on the learning process. Based on the results of the analysis, it can be concluded that the critical thinking skills of students can be improved through the use of Discovery Learning models that are oriented towards local wisdom.

Keywords: Critical Thinking, Discovery Learning, local wisdom.